ABSTRACT OF THE DISCLOSURE

A mixing device includes vanes arranged so that the outer edges of the vanes define a frusto-conical surface in order to facilitate improved circulation of the liquid being mixed. Each vane is preferably curved, either lengthwise, widthwise, or both. In one embodiment, the outer edges of the vanes are tapered outward to form the frusto-conical surface. In an alternative embodiment, the inner and outer edges of the vanes are aligned with each other, and the vanes are tilted relative to a central axis to form the frusto-conical surface. The vanes may extend between upper and lower rims having the same or different diameters. Turbines extend between the vanes and shaft for rotating the mixing device. The turbines are arranged to avoid inhibiting entry of liquids through the top and bottom of the mixing device. Feet extend downward from the bottom edge of the mixing device to facilitate mixing of liquids on the bottom of the container. The inner edges of the vanes define a frusto-conical surface in order to prevent clogging of the mixing device.